

Progress Report 7/24/15-11/30/15

Project #09-1277, Qwuloolt Estuary Restoration - Construction

Submitted by Josh Meidav on 12/03/2015

Accepted by Elizabeth Butler on 12/08/2015

CONTACTS

Primary Sponsor: Tulalip Tribe

Lead Entity: Snohomish Basin LE

Managing Agency: Rec. and Conserv. Office

Project Contact: Kurt Nelson
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Billing Contact: Dave Wilbur
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RCO Grant Manager: Elizabeth Butler
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COSTS TO DATE

Project Start Date: 10/16/2009

Original End Date: 01/01/2012

FundingEnd Date: 12/31/2015

Funding Formula:	Requested		Original		Current	
Aquatic Lands Enhancement Acct:	\$0.00	(0%)	\$0.00	(0%)	\$456,780.05	(18%)
Puget Sound Acq. & Restoration:	\$500,000.00	(85%)	\$500,000.00	(85%)	\$1,550,000.00	(62%)
Sponsor Match:	\$90,000.00	(15%)	\$90,000.00	(15%)	\$488,500.00	(20%)
Total:	\$590,000.00	(100%)	\$590,000.00	(100%)	\$2,495,280.05	(100%)

Paid To Date: \$1,356,102.05 *includes pending billings*

Last Released Billing: 03/26/2015

Remaining RCO Funds: \$650,678.00

Pending Billing: Yes

Advance Balance: \$0.00

Match Bank: \$0.00

Number of Billings: 9

Admin Limit: \$0.00

Admin Spent: \$0.00

A&E Limit: \$0.00

A&E Spent: \$39,396.96 1.57%

AMENDMENTS

#	Type	Applied Date	Description
13	Agreement Description Change		Need to change description to reflect actual acres ~354 of restoration area)
12	Cost Change	08/13/2015	The project agreement is increased in the amount of \$500,000 of 2015-17 PSAR (effective July 10, 2015) and \$88,500 of sponsor match approved by the SRFB on May 6, 2015 and by the SRFB Technical Review Panel on June 14, 2015, to afford completion of the estuary restoration project, and Special Conditions specifying project deliverables are added.
11	Time Extension	09/10/2014	The project period of 10/16/2009 to 09/30/2014 is extended to allow the contracting party until 12/31/2015 to complete the project.
10	Cost Change	10/31/2014	This amendment 1) increases the project agreement to total \$1,906,780.05 with the addition of \$400,000 of 09-11 return PSAR funds and \$400,000 sponsor match to afford rising construction costs, and 2) expands the scope of work to include the full estuary restoration project, as proposed in the original grant application, all as approved by the SRFB subcommittee on September 4, 2014.
9	Time Extension	05/13/2014	The project period of 10/16/2009 to 06/30/2014 is extended to allow the contracting party until 09/30/2014 to complete the project.
8	Cost Change	09/20/2013	Funding is increased by \$100,000 of 2007-2009 PSAR return funds from 10-1877, to afford higher than anticipated construction costs bringing the total Project Agreement to \$1,106,780.05.
7	Cost Change	08/06/2013	Funding is increased by \$50,000 of 2007-2009 PSAR return funds, to afford higher than anticipated construction costs bringing the total Project Agreement to \$1,006,780.05.
6	Time Extension	06/13/2013	The project period of 10/16/2009 to 06/30/2013 is extended to allow the contracting party until 06/30/2014 to complete the project.
5	Time Extension	09/14/2012	The project period of 10/16/2009 to 09/30/2012 is extended to allow the contracting party until 06/30/2013 to complete the project.
4	Special Conditions Change	07/18/2012	Completion of the earlier project, Qwuloolt Estuary Phase II Design (07-1624), was significantly delayed. In order to facilitate closing the 07-1624 project agreement with submittal of 95% Designs, a special condition for completion of the Qwuloolt Estuary restoration final design deliverables is added to this project agreement.
3	Cost Change	03/07/2012	This PSAR funded project provides the primary source of match for the ALEA funded project No. 06-1604 "Qwuloolt Estuary Restoration and Trail" and is similar in scope and schedule. In order to streamline contracting, this amendment will integrate No. 06-1604 into No. 09-1277 by aligning the scope of work and increasing the agreement amount by \$456,780.05 of unspent ALEA program funds, bringing the project agreement to total \$956,780.05 in funding.
2	Scope Change	01/25/2012	The project scope is changed to remove the levee breach and second year west levee construction, and to add channel restoration with riparian planting.
1	Time Extension	12/06/2011	The project period of 10/16/2009 to 01/01/2012 is extended to allow the contracting party until 09/30/2012 to complete the project.

PROGRESS REPORT QUESTIONS

#	Question	Answer	Answer Description
1 of 4	Are there any significant challenges that might hinder progress or keep you from meeting your project milestones? If so, please tell us about them.	Yes	<p>We expect to have delays in securing the final project reconciliation from the ACOE, which will require us to furnish yellowbook appraisals to establish the value of the acquired lands that will apply towards the Tribe's required match. We also anticipate delays in receiving the final as-built plans from the Corps, so we are requesting a time extension through December 31, 2016.</p>
2 of 4	Describe the work accomplished during this reporting period.		<p>The final phase of construction of the 3,950 ft. setback levee was completed in August 2015. The lowering of the levee along Ebey Slough commenced in late August, culminating in the breach of the levee on August 28, 2015. Total lowering of 1,500 ft. of existing levee on Ebey Slough was completed the week following breach. This portion of the levee was lowered to the 10 ft. elevation, according to design. In addition to completion of the setback levee and the breaching and lowering of the Ebey Slough levee, utility infrastructures were modified during the reporting period.</p> <p>Along the eastern perimeter of the project, three stormwater outfalls were relocated outside the project inundation area. Work included removing pre-existing pipes that drained from adjacent housing development into the project area and an existing trail. In place of this infrastructure, four new catchbasins, a 50 ft. infiltration gallery, 310 ft. of stormwater swale, and 140 ft. of new stormwater pipe were installed. In addition, a new trail of 240 ft. was reconstructed over the stormwater infrastructure. East side utility infrastructure modifications also included replacing 192 ft. of a ductile iron sewer force main with high density polyethylene (HDPE) pipe and installing cathodic protection at the tie-in point with the existing ductile iron sewer pipe outside of potential project influence.</p> <p>Along the western perimeter of the project, the southernmost and largest stormwater pond was excavated and graded to the connection with the cross-levee vault, and its side slopes and border berms were hydroseeded.</p>
3 of 4	Do you anticipate any changes to your project? Please describe those changes here.	Yes	<p>All of the project elements have been constructed and completed. However, the site will evolve over time and ongoing monitoring and maintenance of project elements will be required. We are requesting a timeline extension due to the need to receive final as-built drawings and operations and maintenance plan from the ACOE. In addition, we will be using the intervening period to complete a stewardship plan, receive an operations and maintenance plan from the ACOE, and complete final billing per coordination with the ACOE.</p>
4 of 4	Tell us about work planned for the next reporting period.		<p>The development of a management plan that will address operations, maintenance, stewardship, and monitoring will be initiated within the next reporting period. As well as complete the final as-builts for the storm water improvements and the riparian habitat, as implemented by the tribe.</p>

MILESTONES

Milestone	Target Date	Description	Completed	Delayed	New Target Date	Progress/Reason for Delay
Project Start	10/16/2009		X			
Cultural Resources Complete	10/16/2009	Completed in 2008	X			
Applied for Permits	03/01/2010	Federal permits were submitted in 2009	X			
Progress Report Submitted	03/15/2011		X			
Annual Project Billing	03/15/2011	and at least once per year thereafter	X			
Progress Report Submitted	09/30/2011		X			
Progress Report Submitted	03/16/2012		X			
RFP Complete/Consultant Hired	05/30/2012	was 07/01/2011	X			
Annual Project Billing	07/31/2012		X			
Progress Report Submitted	07/31/2012		X			
Permits Complete	09/21/2012		X			
Bid Awarded/Contractor Hired	09/24/2012		X			
Progress Report Submitted	12/31/2012		X			
Restoration Started	02/13/2013	USACE portion	X			
Progress Report Submitted	04/30/2013		X			
Final Design to RCO	07/31/2013	Per Special Condition to Grant Agreement	X			
Progress Report Submitted	09/30/2013		X			
Progress Report Submitted	12/31/2013		X			
Progress Report Submitted	03/31/2014		X			
Annual Project Billing	11/30/2014		X			
Progress Report Submitted	12/31/2014		X			
Progress Report Submitted	06/01/2015		X			
Restoration Complete	10/31/2015	Setback Levee & Breach	X			
Progress Report Submitted	11/13/2015		X	X	12/03/2015	Other project deadlines balanced with programmatic capacity influenced this delay.
Agreement End Date	12/31/2015			X	12/31/2016	We are requesting a new target date due to final billing being dependent on the ACOE.
Final Report in PRISM	12/31/2015			X	12/31/2016	Initial drafts of this report will likely be completed at an earlier date. However, final reporting will be based on receiving final cost adjustments and documents from the ACOE.
Final Billing to RCO	02/28/2016			X	12/31/2016	Final billing is dependent on final cost adjustments that will be determined in consultation with the ACOE.
Final Design to RCO	02/28/2016	As-built with lessons learned report (Secial Condition from SRFB Technical Review Panel)		X	12/31/2016	12-31-16 is the target date for receiving the ACOE's operations and maintenance plan and as-builts for the levee. 6-30-16 is Tulalip's target date for as-builts for tidegates, utilities, riparian plantings, and channels and berms (attached here).

Stewardship Plan to RCO	02/28/2016	X	06/30/2016	6/30/16 is Tulalip's target date for the stewardship plan per SRFB's guidelines. The Corps' plan would be forthcoming for levee operations and maintenance, which would be 12/31/16 as a projected target date.
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PERMITS

Type	Applied Date	Received Date	Expiration Date	Permit Number	Comments
Clear & Grade Permit	08/01/2012	10/9/2012		G12-0023 and C	
Cultural Assessment [Section 106]		12/9/2008		120808-24-COE	Survey in 2006 and 2008. Determination of No Historic Properties Affected.
Dredge/Fill Permit [Section 10/404 or 404]	05/28/2010	11/16/2010		NWS-2010-007	
Endangered Species Act Compliance [ESA]		1/12/2009		13410-2009-I-01	USFWS Fish Passage/Habitat Restoration Programmatic, NMFS Section 4(d) Limit Number 8 (Habitat Restoration)
Hydraulics Project Approval [HPA]	08/08/2012	9/5/2012		120658-2	
SEPA	05/28/2010	6/29/2011		PA 10013	
Shoreline Permit	05/28/2010	8/2/2011		PA 10013	This permit was appealed, but permit was upheld 9/13/2011.
Water Quality Certification [Section 401]	12/24/2008	2/4/2009		PI-09-11	Ecology certifies that work complies with CWA and CZMA and State CZMP.

Permit Questions

#	Question	Answer	Answer Description
1 of 4	Any additional mitigation requirements? If so, please describe.	No	
2 of 4	Are there any additional permits required? If so, please describe.	No	
3 of 4	Tell us about your progress with securing your permits or ESA consultation.		These have been secured and documented previously.
4 of 4	Did you use the federal permit streamlining process (Limit 8)? If yes, please attach your Limit 8 Self Certification Form.	No	